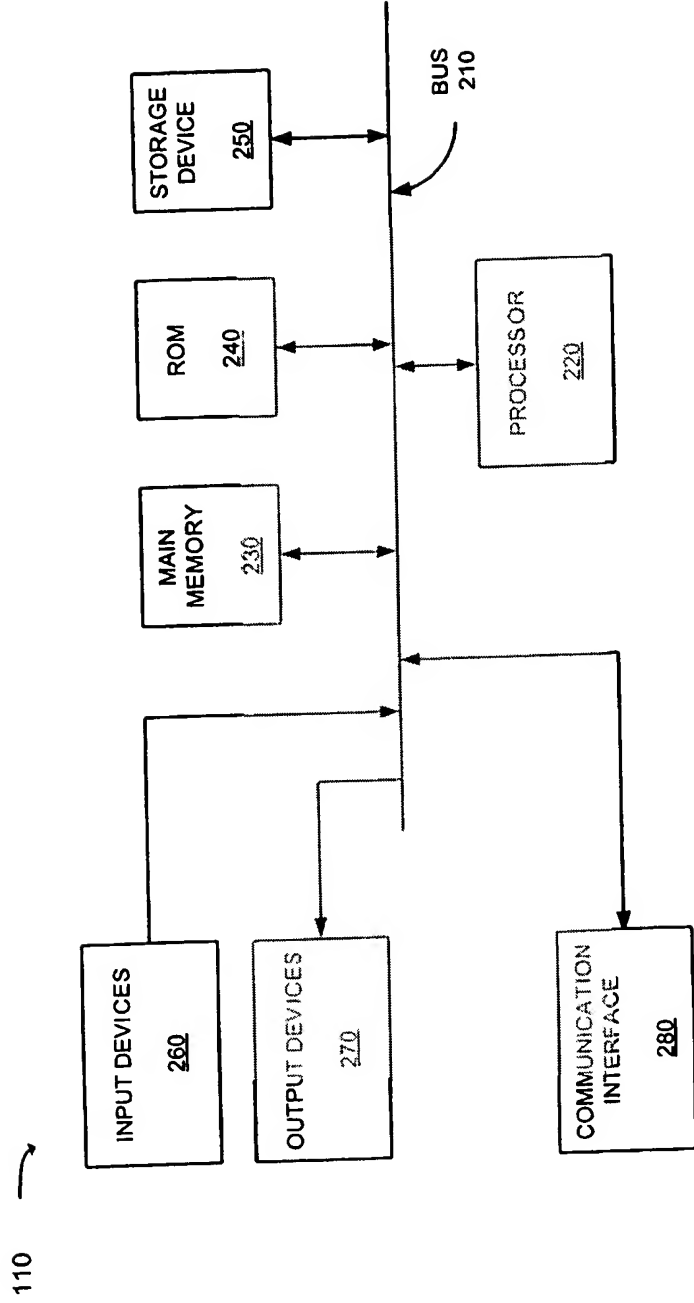
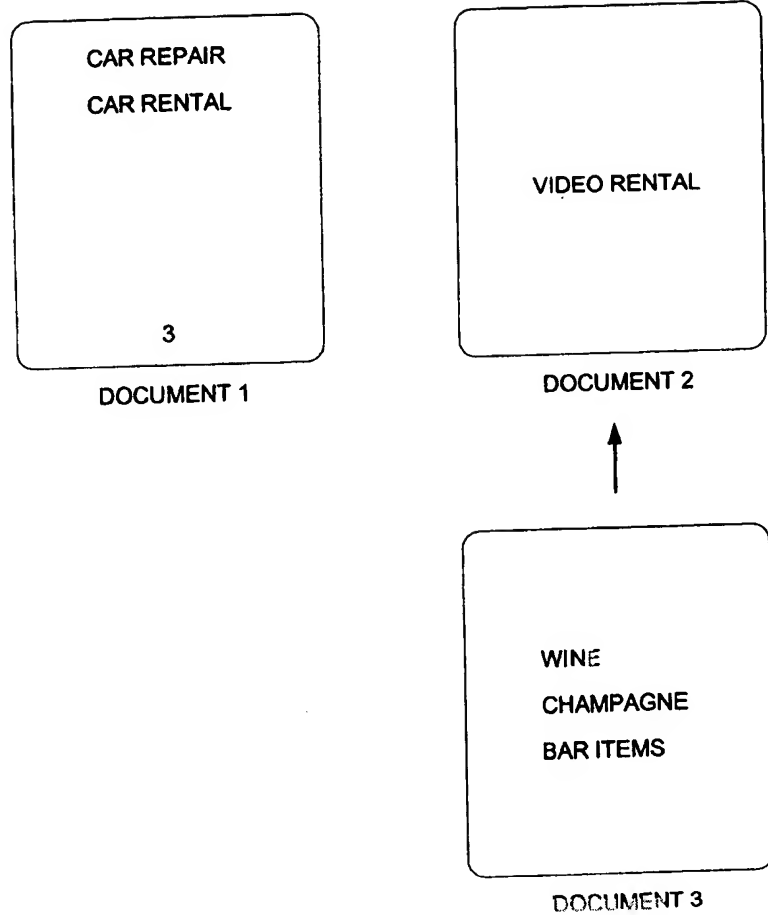


FIG. 1



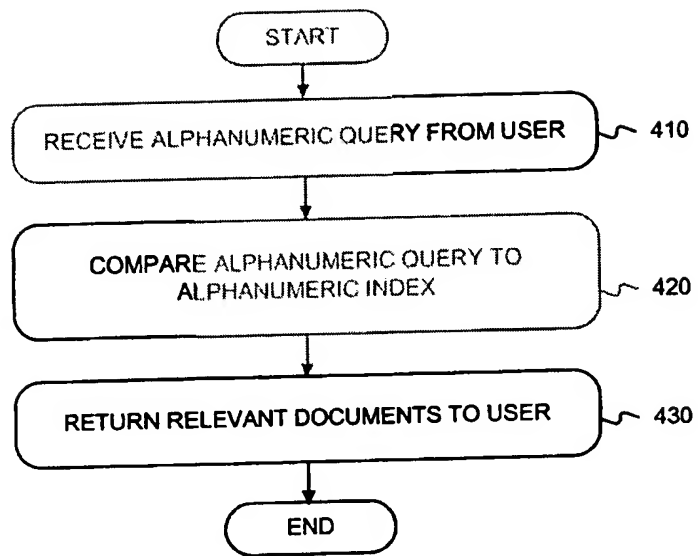
**FIG. 2**



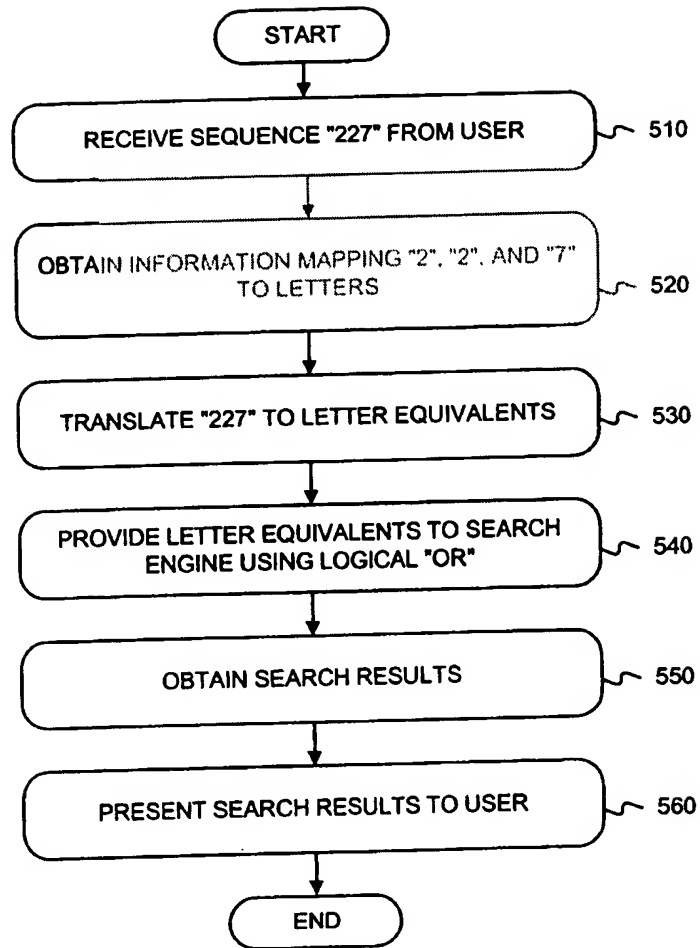
**FIG. 3**

TERM	LOCATION (DOCUMENT)
3	DOCUMENT 1
BAR	DOCUMENT 3
CAR	DOCUMENT 1
CHAMPAGNE	DOCUMENT 3
ITEMS	DOCUMENT 3
RENTAL	DOCUMENTS 1 AND 2
REPAIR	DOCUMENT 1
VIDEO	DOCUMENT 2
WINE	DOCUMENT 3

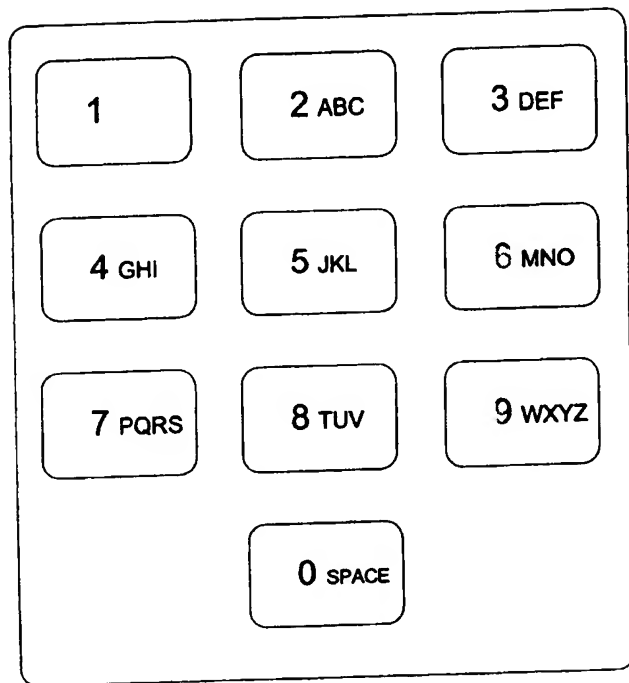
**FIG. 4A**



**FIG. 4B**



**FIG. 5A**



**FIG. 5B**

TERM	LOCATION (DOCUMENT)
3	DOCUMENT 1
227	DOCUMENTS 1 AND 3
242672463	DOCUMENT 3
48367	DOCUMENT 3
736825	DOCUMENTS 1 AND 2
737247	DOCUMENTS 1
84336	DOCUMENT 2
8463	DOCUMENT 3

**FIG. 5C**



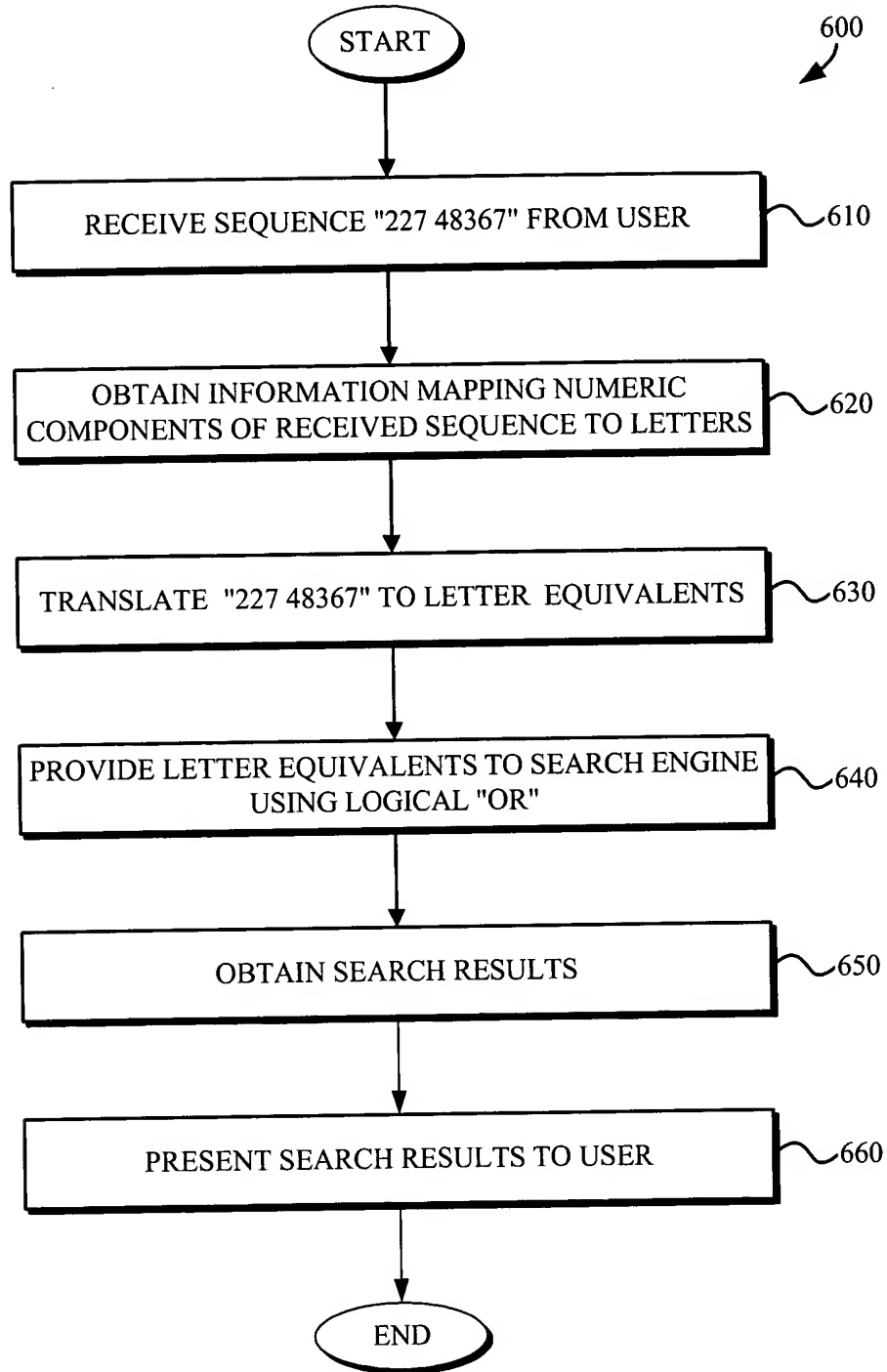
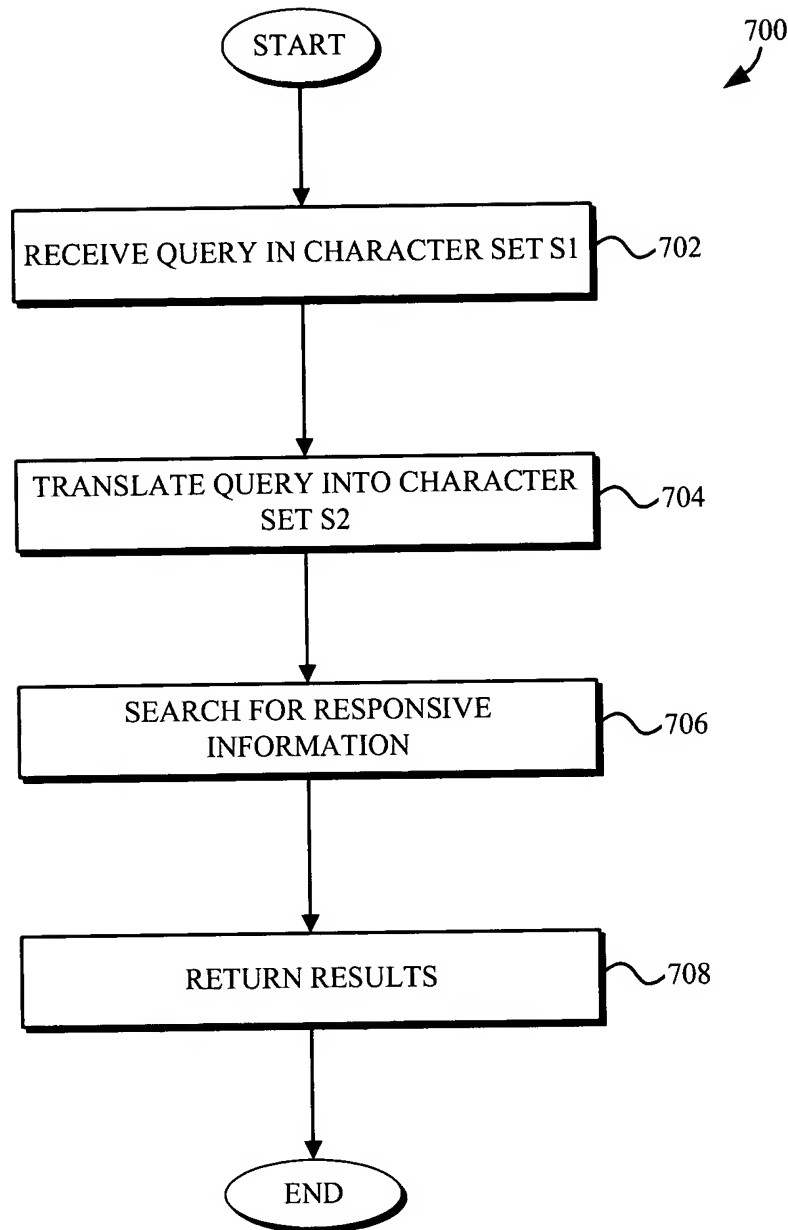


FIG. 6



**FIG. 7**

800

	802	804	806
	Romaji Term	Kanji Term	Probability (%)
808	<Bank> <sub>romaji</sub>	<Financial institution> <sub>kanji</sub>	0.4
		<Steep slope> <sub>kanji</sub>	0.3
		<Airplane maneuver> <sub>kanji</sub>	0.2
		<Other> <sub>kanji</sub>	0.1
810	<Car> <sub>romaji</sub>	<Automobile> <sub>kanji</sub>	0.9
		<Other> <sub>kanji</sub>	0.1
812	<House> <sub>romaji</sub>	<A dwelling> <sub>kanji</sub>	0.7
		<To contain> <sub>kanji</sub>	0.25
814	<Plane> <sub>romaji</sub>	<Airplane> <sub>kanji</sub>	0.6
		<Flat surface> <sub>kanji</sub>	0.25
		<Carpenter's tool> <sub>kanji</sub>	0.1
		<Other> <sub>kanji</sub>	0.05

FIG. 8

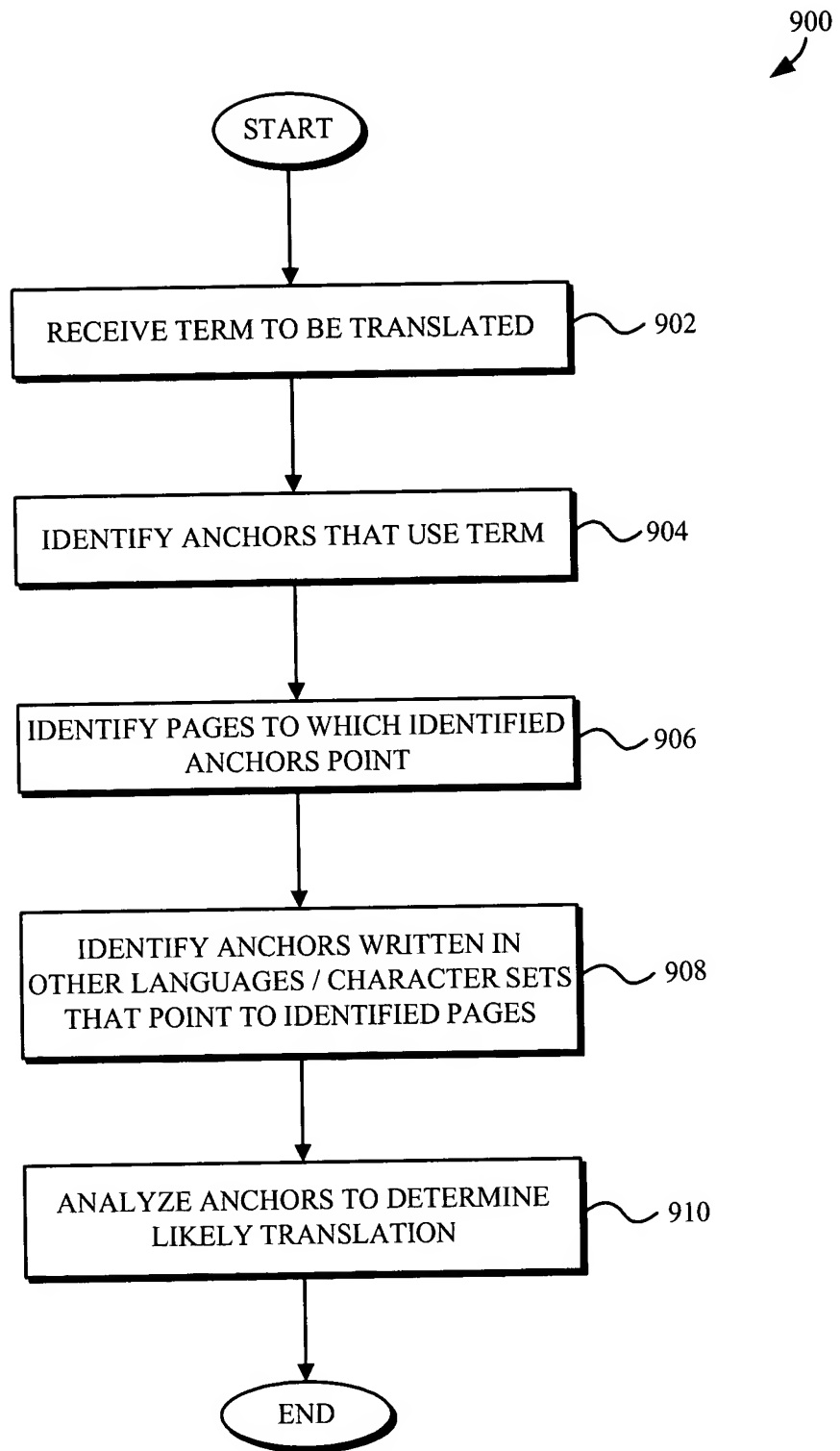


FIG. 9

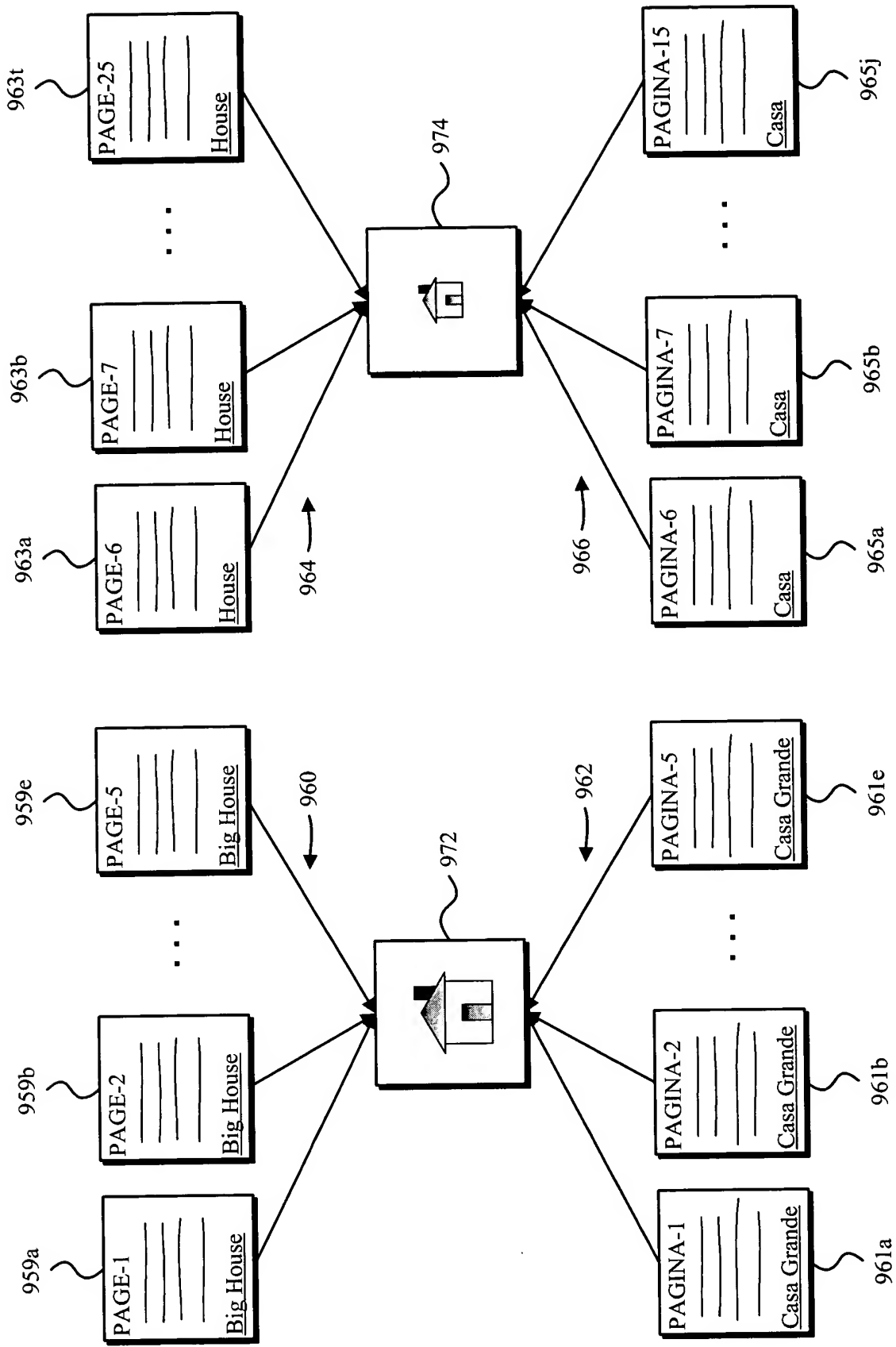


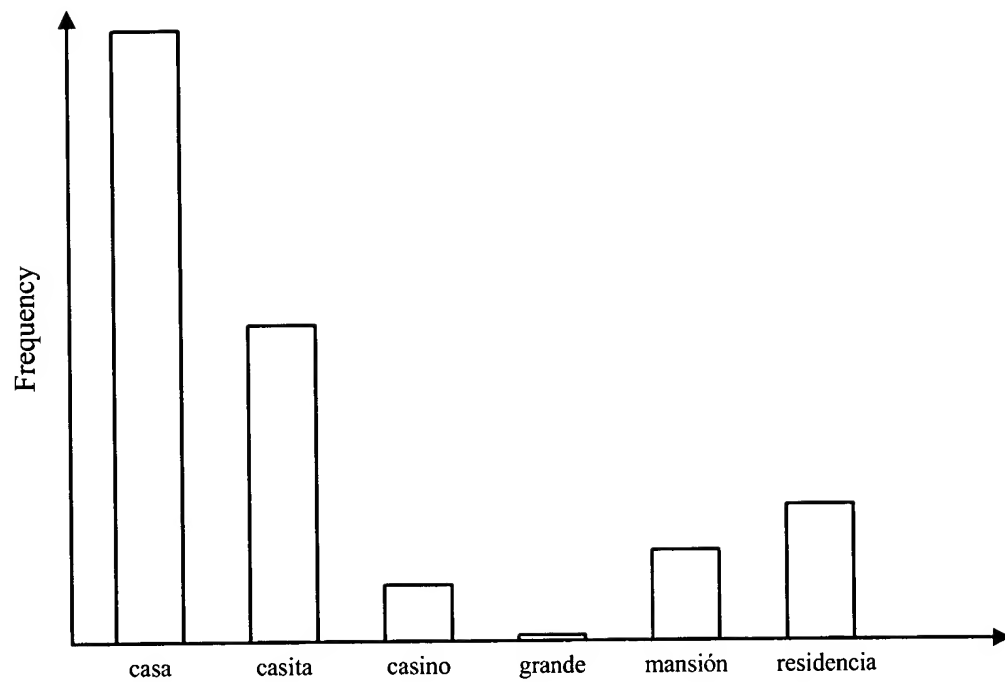
FIG. 10

House	1	Casa	Probability(house=casa): $5/10 = 0.5$
	2	Casa	
	3	Casa	
	4	Casa	
	5	Casa	
	6	Grande	Probability(house=grande): $5/10 = 0.5$
	7	Grande	
	8	Grande	
	9	Grande	
	10	Grande	

**FIG. 11A**

House	1	Casa	Probability(house=casa): $15/20 = 0.75$
	2	Casa	
	3	Casa	
	...	Casa	
	13	Casa	
	14	Casa	Probability(house=grande): $5/20 = 0.25$
	15	Casa	
	16	Grande	
	17	Grande	
	18	Grande	
	19	Grande	
	20	Grande	

**FIG. 11B**



**FIG. 12**